

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

B6.129S7-Selp^{tm1Bay/J}

RRID:IMSR_JAX:002289

Type: Organism

Proper Citation

RRID:IMSR_JAX:002289

Organism Information

URL: <https://www.jax.org/strain/002289>

Proper Citation: RRID:IMSR_JAX:002289

Description: Mus musculus with name B6.129S7-Selp^{tm1Bay/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: selectin; platelet; mutant strain|congenic strain: Selp

Affected Gene: selectin; platelet

Genomic Alteration: targeted mutation 1; Baylor College of Medicine

Catalog Number: JAX:002289

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: B6.129S7-Selp^{tm1Bay/J}

Record Creation Time: 20250513T053630+0000

Record Last Update: 20260808T050832+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S7-Selp^{tm1Bay/J}.

No alerts have been found for B6.129S7-Selp^{tm1Bay/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Ye Z, et al. (2019) The P-selectin and PSGL-1 axis accelerates atherosclerosis via activation of dendritic cells by the TLR4 signaling pathway. Cell death & disease, 10(7), 507.

Khan RT, et al. (2014) Genetic dissection of the ity3 locus identifies a role for ncf2 co-expression modules and suggests selp as a candidate gene underlying the ity3.2 locus. Frontiers in immunology, 5, 375.

Sotnikov I, et al. (2013) Platelets recognize brain-specific glycolipid structures, respond to neurovascular damage and promote neuroinflammation. PloS one, 8(3), e58979.